

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065528.D
 Acq On : 15 Jan 2021 17:37
 Operator : JC/MD
 Sample : PB134156TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134156TB

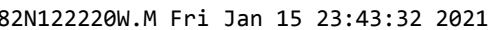
Quant Time: Jan 15 23:43:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.631	168	197766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	324578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	362414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	154104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	104752	46.92	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 93.84%			
35) Dibromofluoromethane	7.553	113	98406	50.25	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.50%			
50) Toluene-d8	10.061	98	411190	56.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.06%			
62) 4-Bromofluorobenzene	12.376	95	160445	54.74	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.48%			
Target Compounds					Qvalue	
16) Acetone	3.795	43	7730	Below Cal		97
18) Methyl Acetate	4.296	43	943	0.47 ug/l #		50
20) Methylene Chloride	4.508	84	14612	6.71 ug/l		95
25) 2-Butanone	6.817	43	2627	2.10 ug/l		96
29) Tetrahydrofuran	7.190	42	172	0.21 ug/l #		32
31) Cyclohexane	7.631	56	2792	0.85 ug/l #		1
36) 1,1-Dichloropropene	7.627	75	11608	3.93 ug/l #		48
37) Ethyl Acetate	6.817	43	2627	0.90 ug/l #		66
38) Carbon Tetrachloride	7.631	117	15733	5.08 ug/l #		16
43) Isopropyl Acetate	8.135	43	15107	3.00 ug/l		98
45) 1,2-Dichloropropane	9.241	63	1063	0.47 ug/l #		43
48) Methyl methacrylate	9.148	41	3953	1.62 ug/l #		12
51) 4-Methyl-2-Pentanone	9.958	43	3413	1.20 ug/l		91
54) cis-1,3-Dichloropropene	9.875	75	31144	7.96 ug/l #		62
57) 1,3-Dichloropropane	10.736	76	18798	5.20 ug/l #		42
59) 2-Hexanone	10.736	43	239900	115.12 ug/l #		50
74) N-amyl acetate	11.852	43	11687	2.50 ug/l #		51
76) 1,2,3-Trichloropropane	12.376	75	74793	23.79 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.376	75	74793	59.99 ug/l #		15

(#) = qualifier out of range (m) = manual integration (+) = signals summed

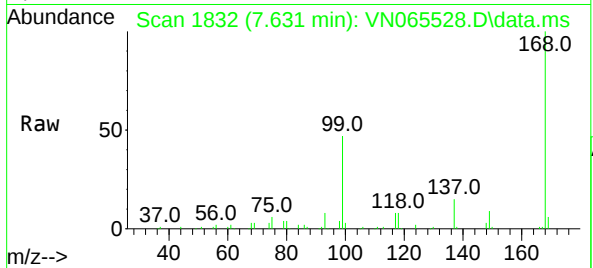
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration



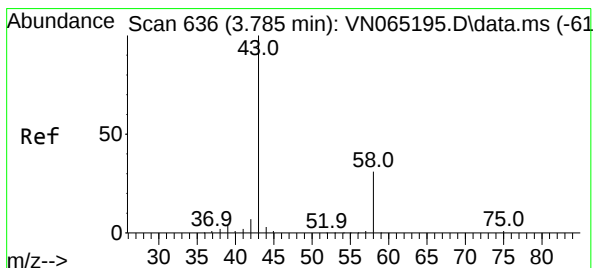
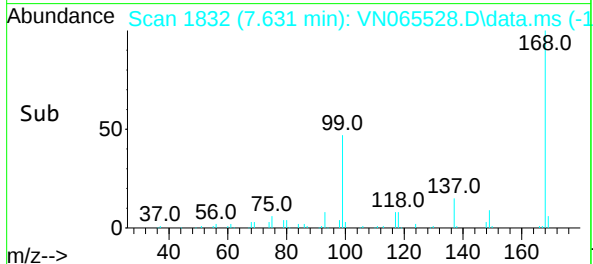
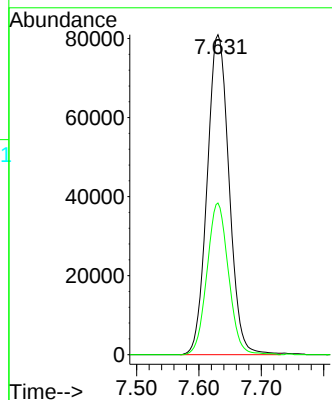


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

Instrument :
MSVOA_N
ClientSampleId :
PB134156TB

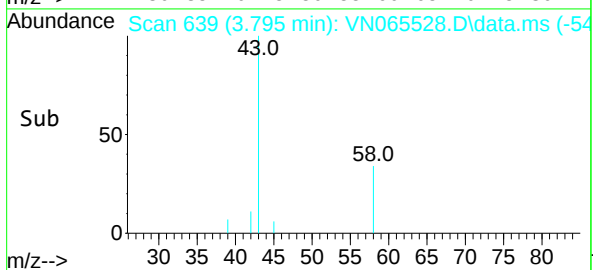
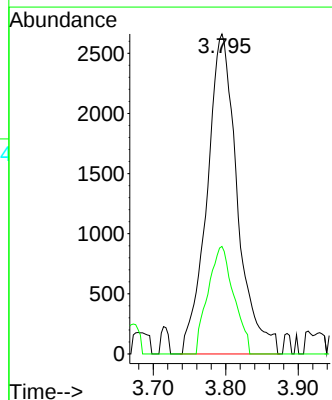
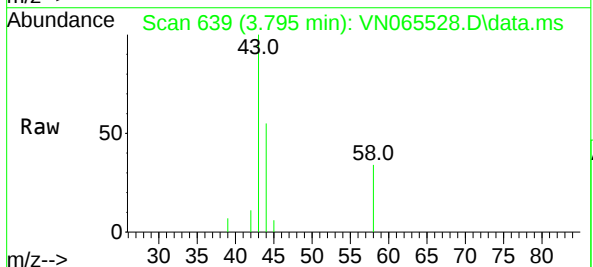


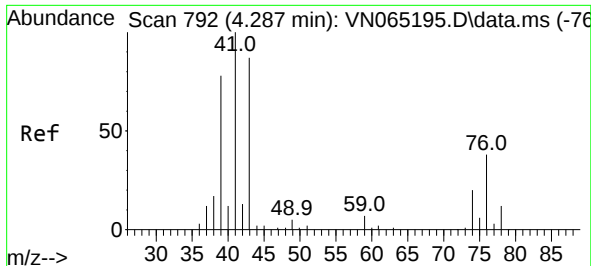
Tgt Ion:168 Resp: 197766
Ion Ratio Lower Upper
168 100
99 47.4 43.0 64.4



#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

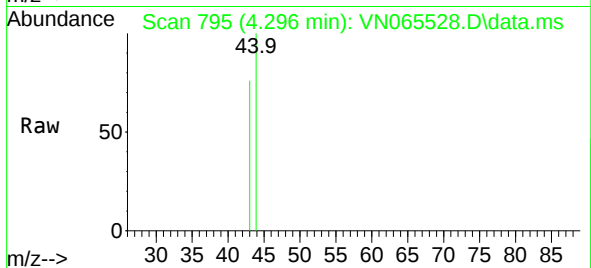
Tgt Ion: 43 Resp: 7730
Ion Ratio Lower Upper
43 100
58 33.6 25.7 38.5



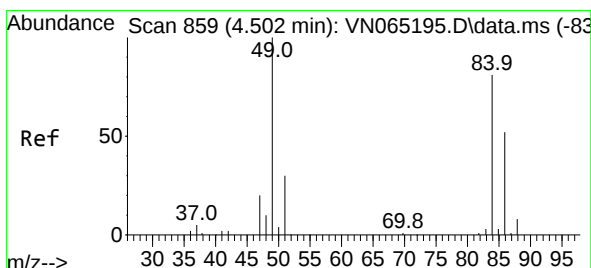
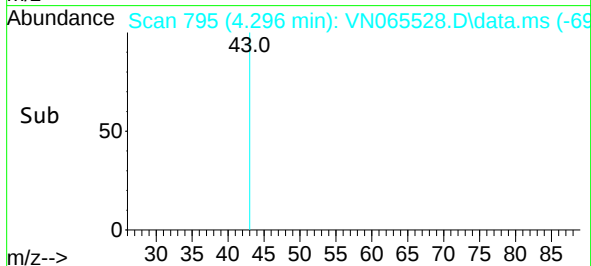
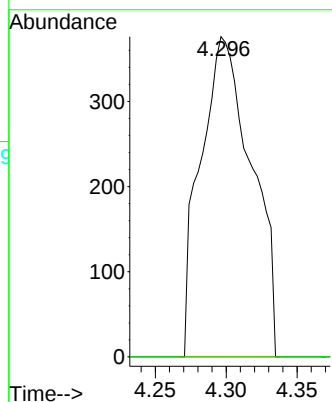


#18
Methyl Acetate
Concen: 0.47 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

Instrument :
MSVOA_N
ClientSampleId :
PB134156TB

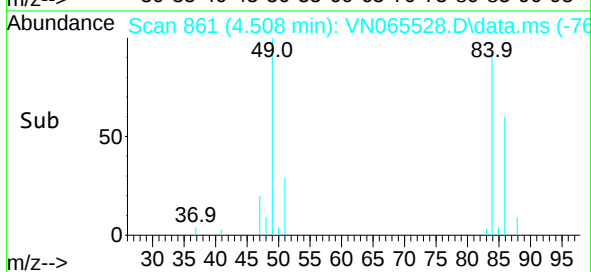
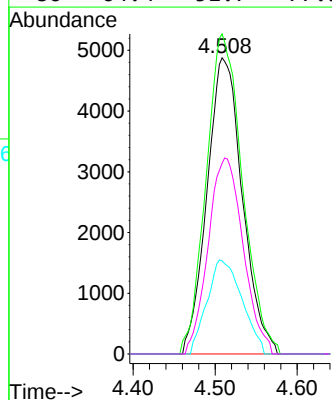
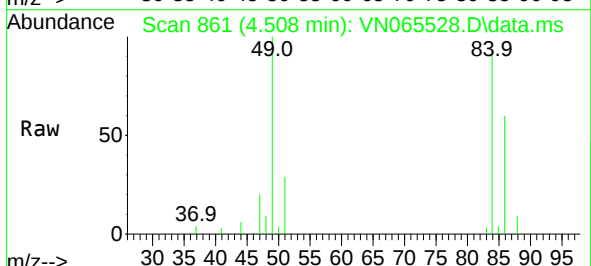


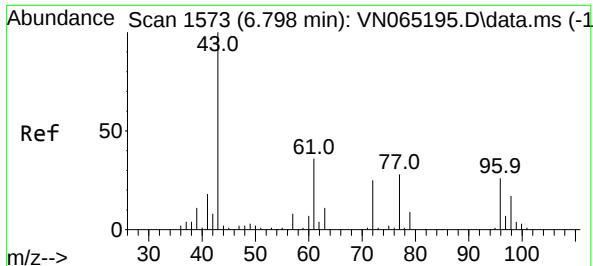
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 6.71 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

Tgt Ion: 84 Resp: 14612
Ion Ratio Lower Upper
84 100
49 108.0 93.4 140.0
51 31.4 28.2 42.4
86 64.4 51.7 77.5

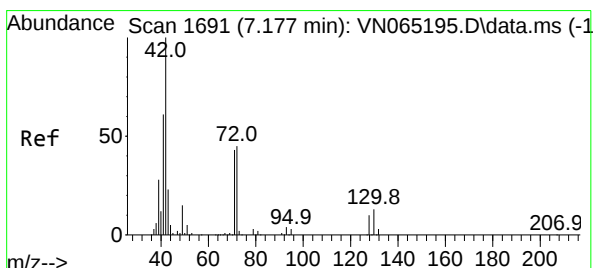
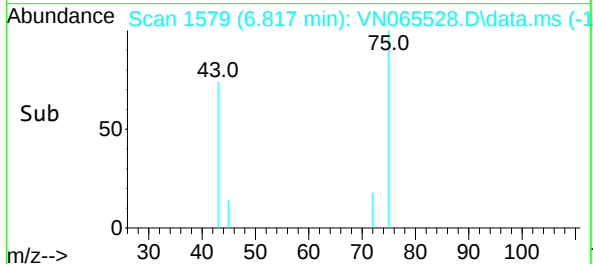
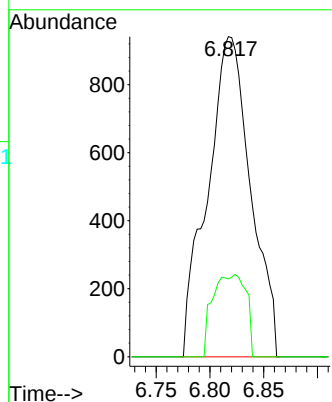
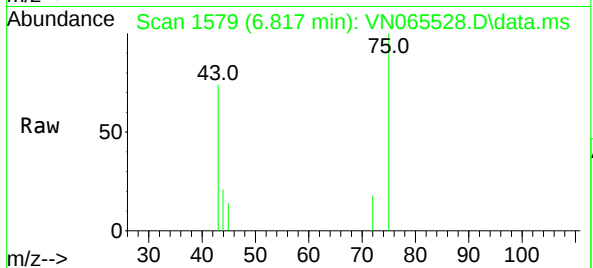




#25
2-Butanone
Concen: 2.10 ug/l
RT: 6.817 min Scan# 1579
Delta R.T. 0.019 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

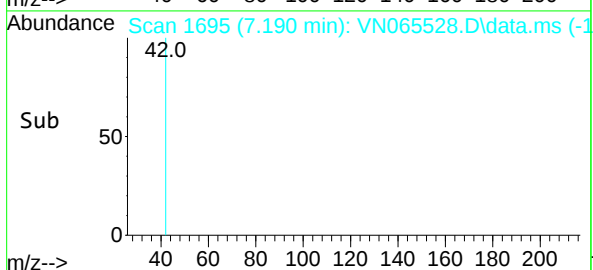
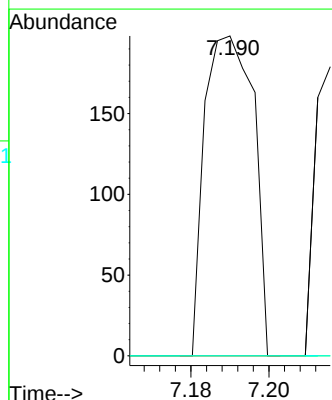
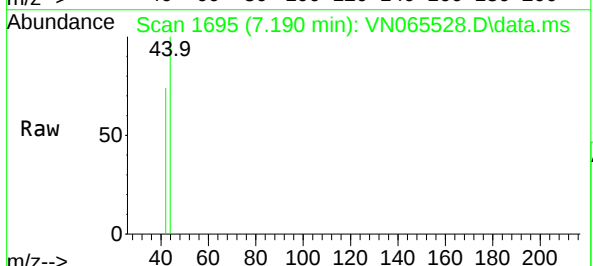
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MSVOA_N
ClientSampleId :
PB134156TB

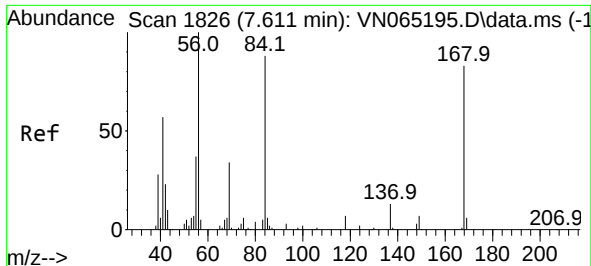
Tgt Ion: 43 Resp: 2627
Ion Ratio Lower Upper
43 100
72 24.3 21.0 31.6



#29
Tetrahydrofuran
Concen: 0.21 ug/l
RT: 7.190 min Scan# 1695
Delta R.T. 0.013 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

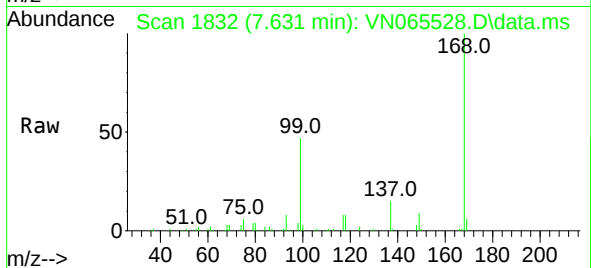
Tgt Ion: 42 Resp: 172
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 0.0 33.6 50.4#



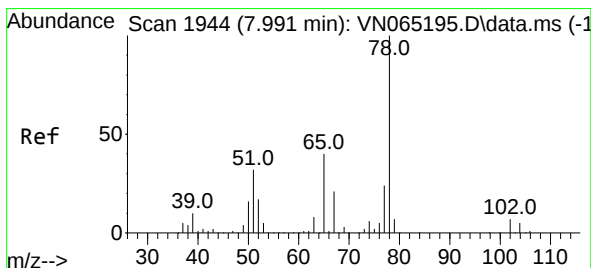
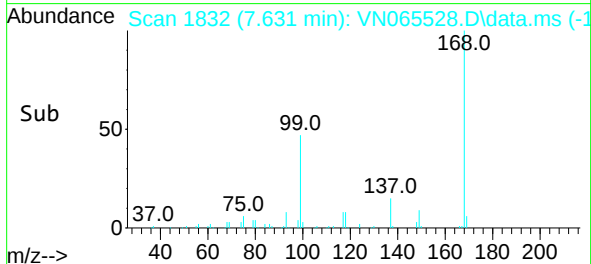
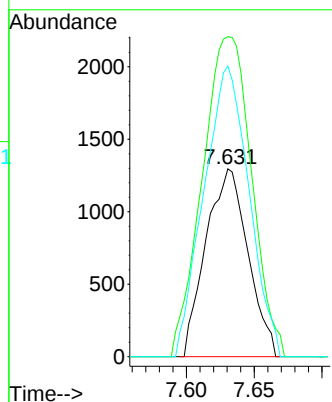


#31
Cyclohexane
Concen: 0.85 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.020 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

Instrument :
MSVOA_N
ClientSampleId :
PB134156TB

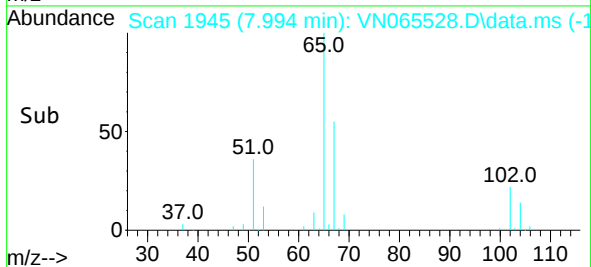
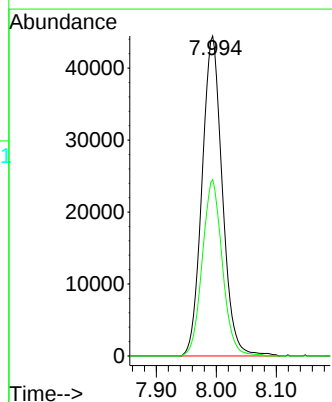
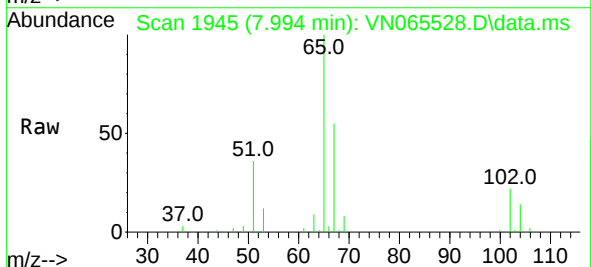


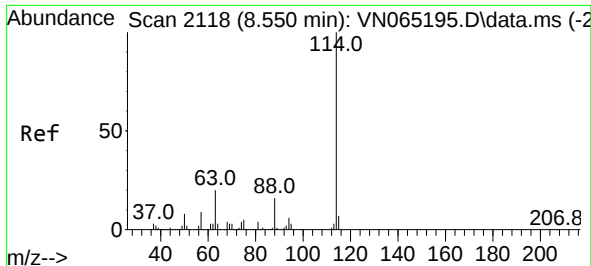
Tgt Ion: 56 Resp: 2792
Ion Ratio Lower Upper
56 100
69 158.7 27.5 41.3#
84 154.7 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 46.92 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

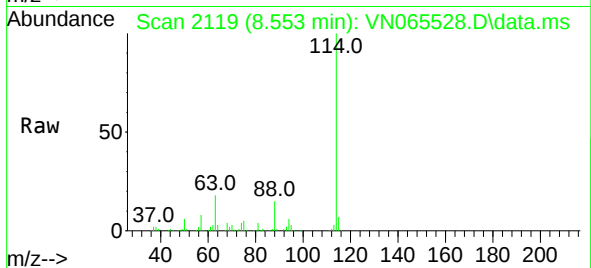
Tgt Ion: 65 Resp: 104752
Ion Ratio Lower Upper
65 100
67 54.4 0.0 108.2



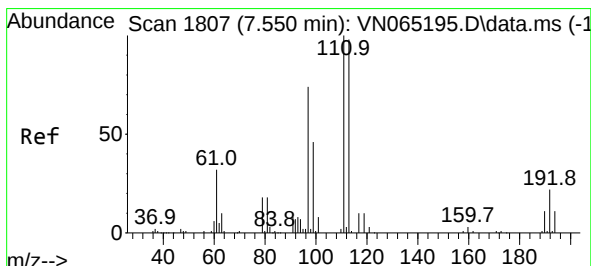
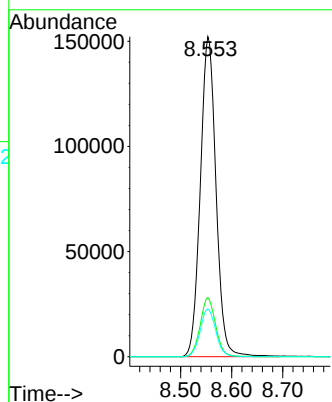
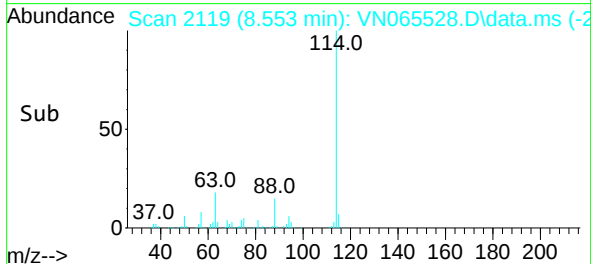


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

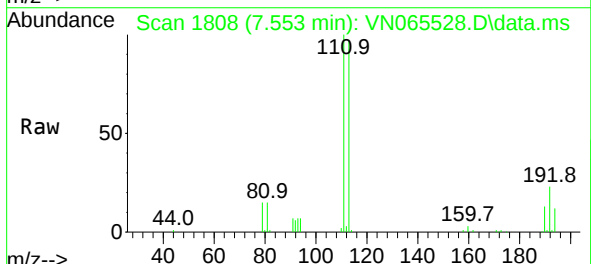
Instrument :
MSVOA_N
ClientSampleId :
PB134156TB



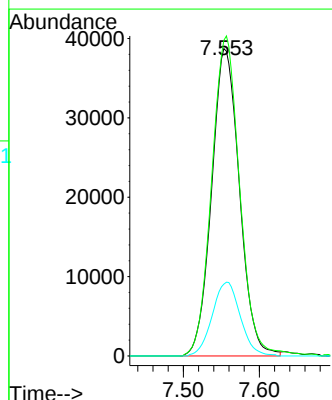
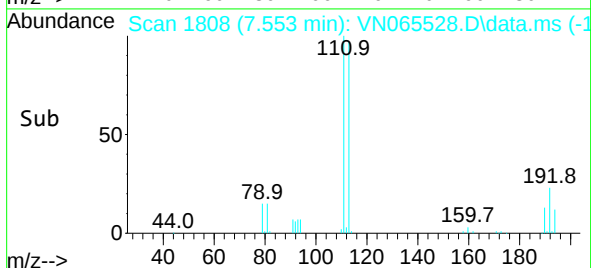
Tgt Ion:114 Resp: 324578
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.6
88 15.0 0.0 32.6

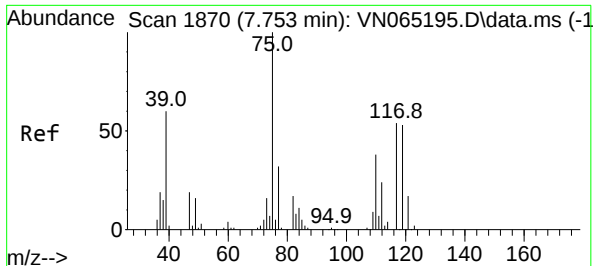


#35
Dibromofluoromethane
Concen: 50.25 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37



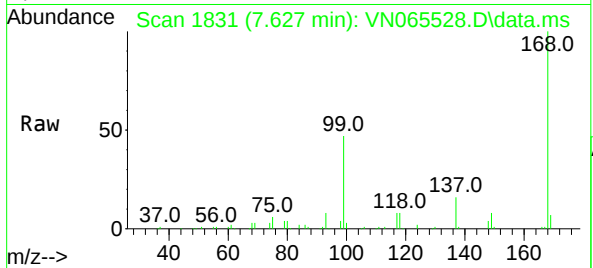
Tgt Ion:113 Resp: 98406
Ion Ratio Lower Upper
113 100
111 104.6 81.6 122.4
192 24.2 16.2 24.2



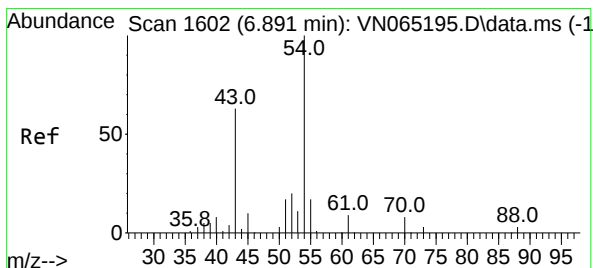
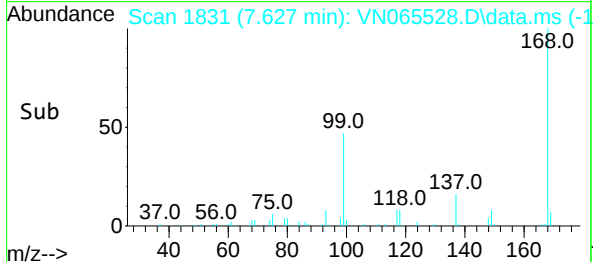
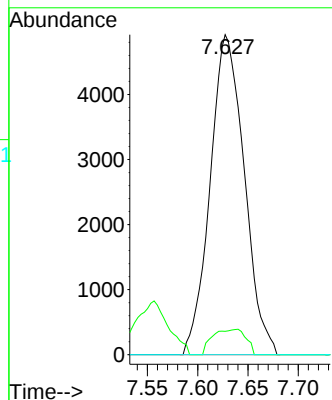


#36
1,1-Dichloropropene
Concen: 3.93 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

Instrument :
MSVOA_N
ClientSampleId :
PB134156TB

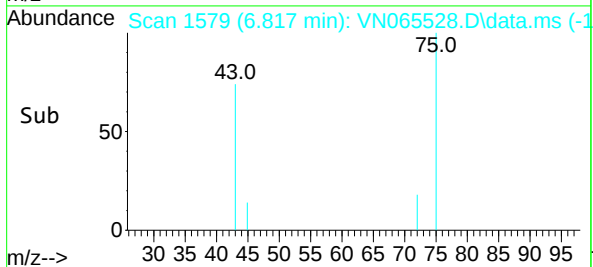
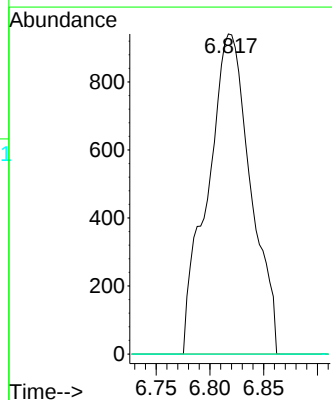
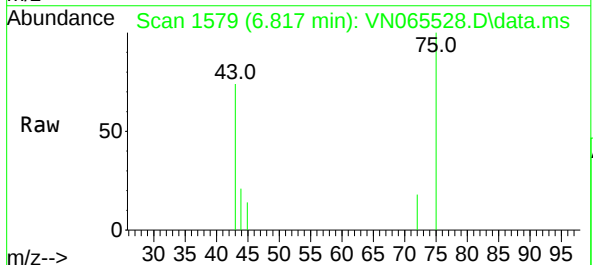


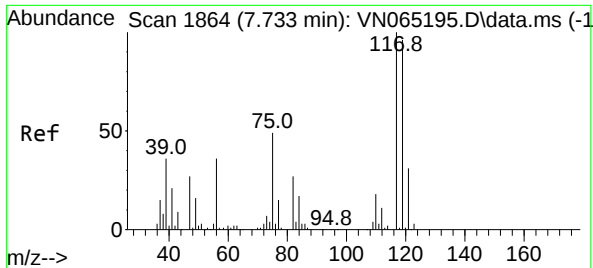
Tgt Ion: 75 Resp: 11608
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.90 ug/l
RT: 6.817 min Scan# 1579
Delta R.T. -0.074 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

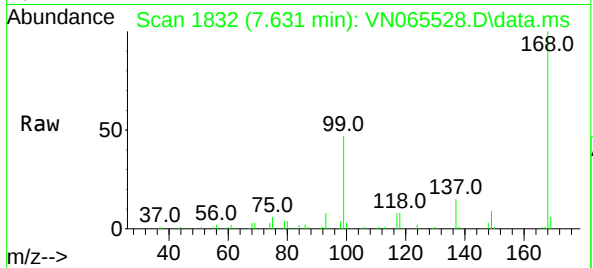
Tgt Ion: 43 Resp: 2627
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#



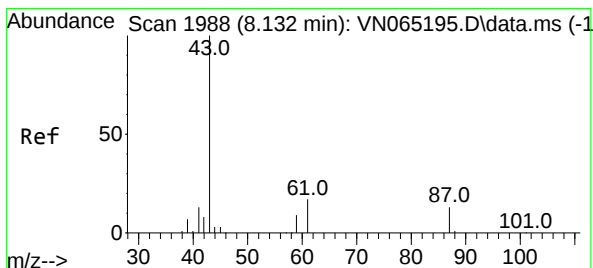
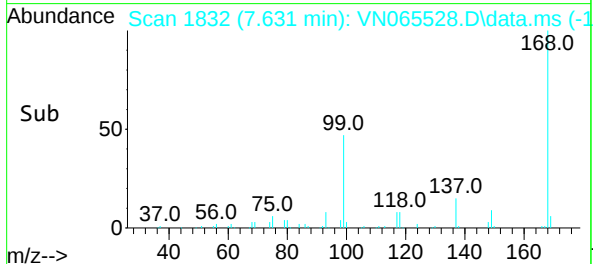
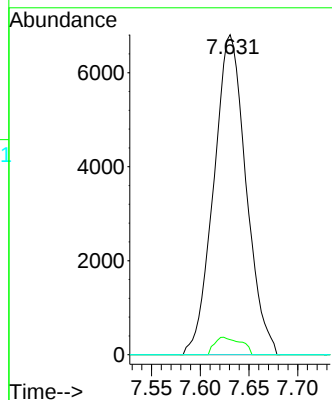


#38
Carbon Tetrachloride
Concen: 5.08 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.102 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

Instrument :
MSVOA_N
ClientSampled :
PB134156TB

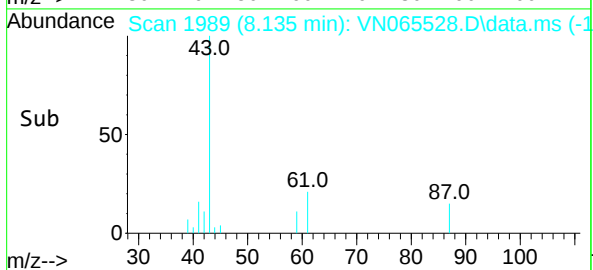
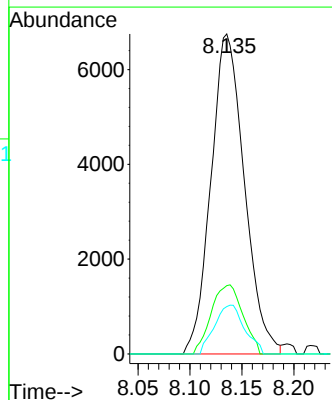
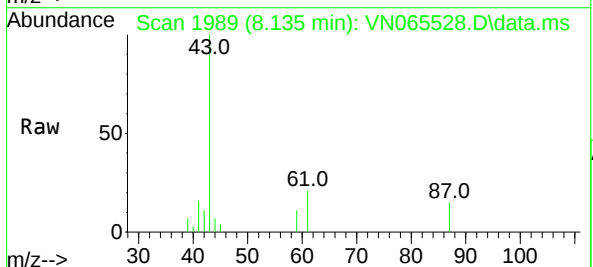


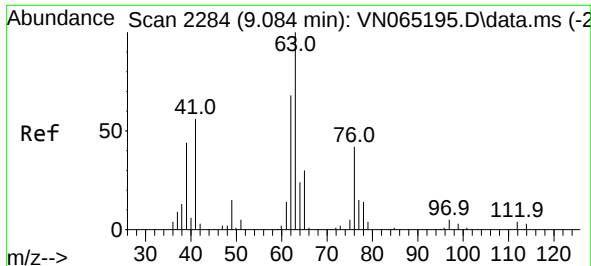
Tgt Ion: 117 Resp: 15733
Ion Ratio Lower Upper
117 100
119 4.7 76.7 115.1#
121 0.0 25.4 38.2#



#43
Isopropyl Acetate
Concen: 3.00 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

Tgt Ion: 43 Resp: 15107
Ion Ratio Lower Upper
43 100
61 20.4 17.2 25.8
87 13.7 11.4 17.0

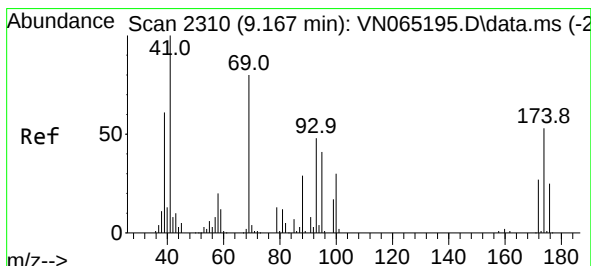
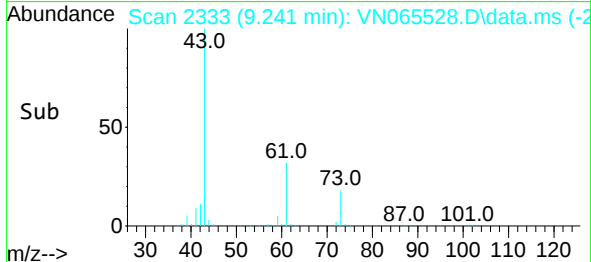
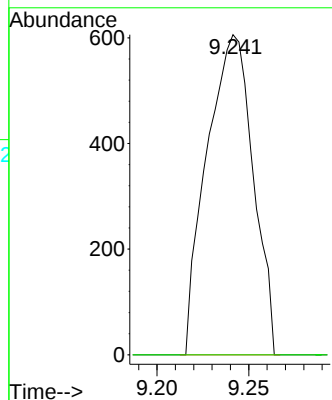
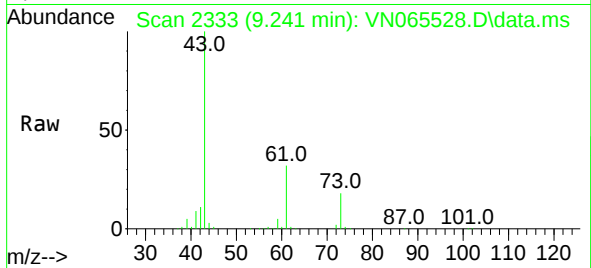




#45
1,2-Dichloropropane
Concen: 0.47 ug/l
RT: 9.241 min Scan# 2333
Delta R.T. 0.157 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

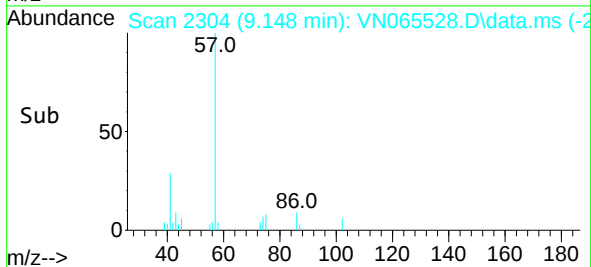
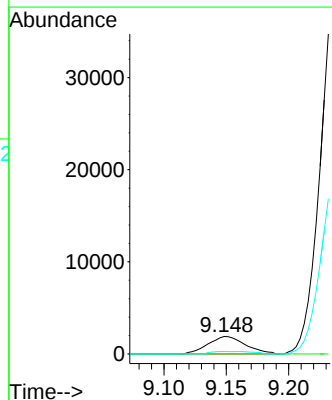
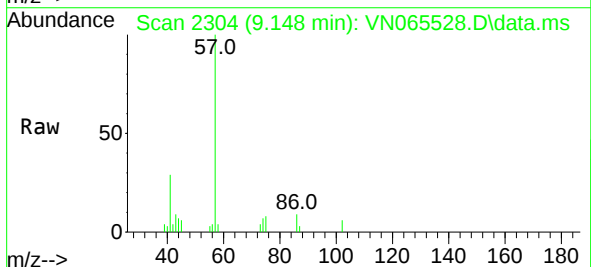
Instrument :
MSVOA_N
ClientSampled :
PB134156TB

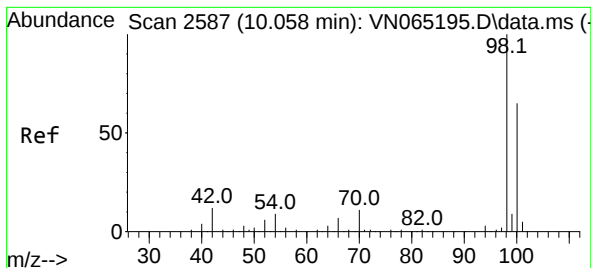
Tgt Ion: 63 Resp: 1063
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.62 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

Tgt Ion: 41 Resp: 3953
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

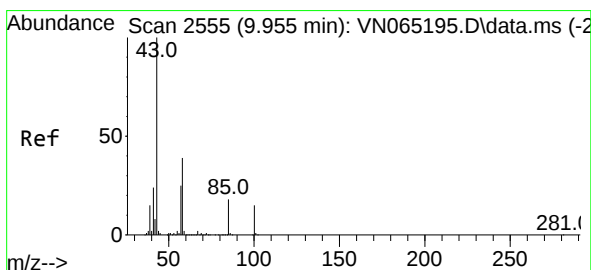
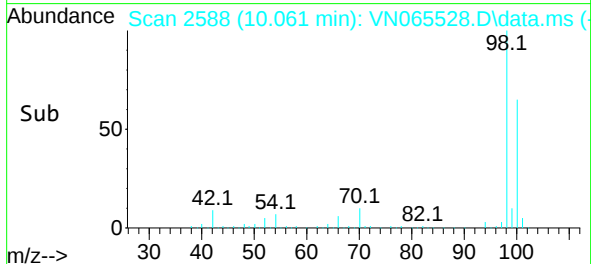
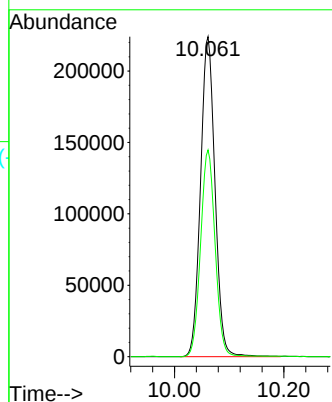
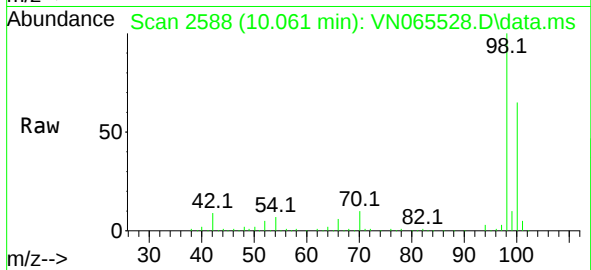




#50
Toluene-d8
Concen: 56.03 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

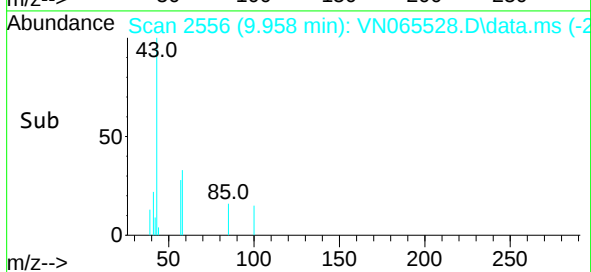
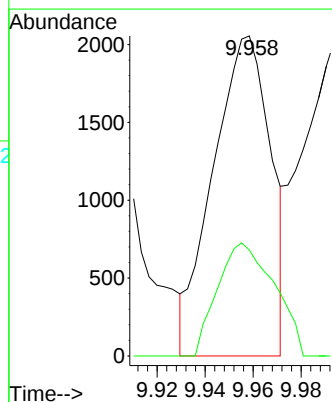
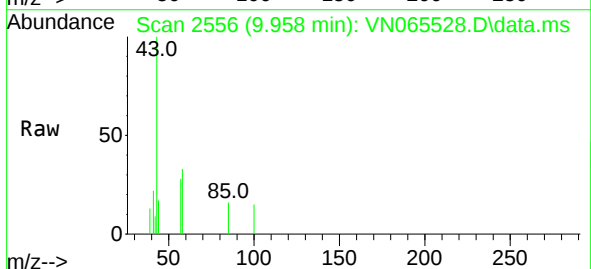
Instrument :
MSVOA_N
ClientSampleId :
PB134156TB

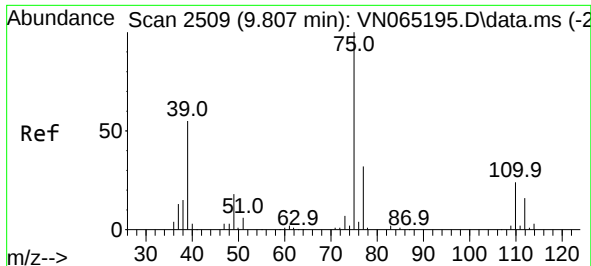
Tgt Ion: 98 Resp: 411190
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.20 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

Tgt Ion: 43 Resp: 3413
Ion Ratio Lower Upper
43 100
58 35.0 32.4 48.6

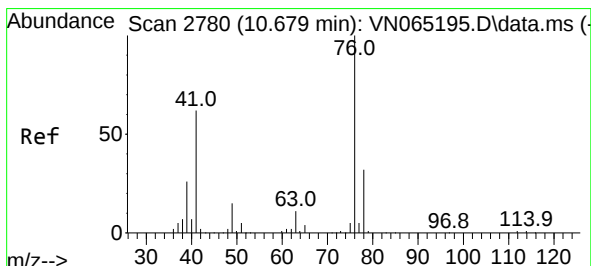
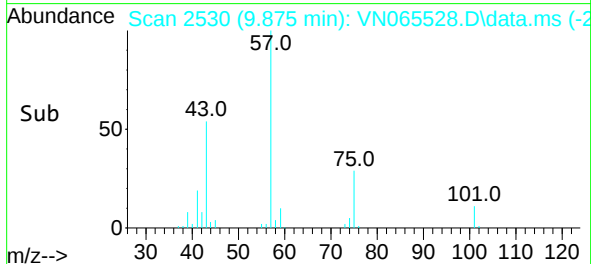
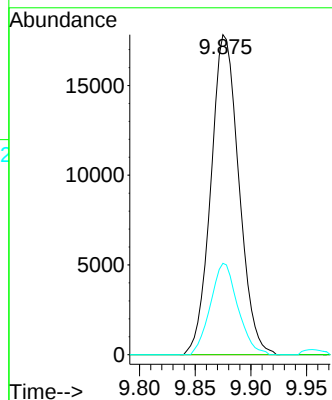
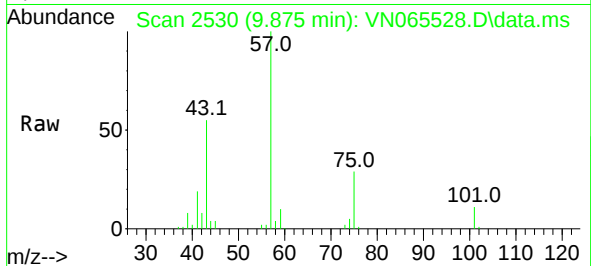




#54
 cis-1,3-Dichloropropene
 Concen: 7.96 ug/l
 RT: 9.875 min Scan# 2530
 Delta R.T. 0.068 min
 Lab File: VN065528.D
 Acq: 15 Jan 2021 17:37

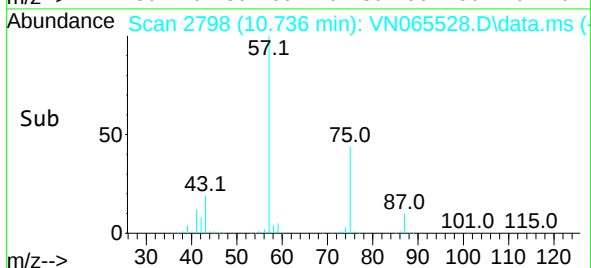
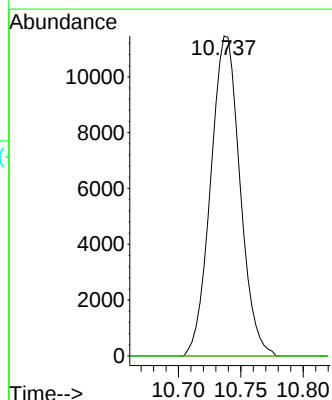
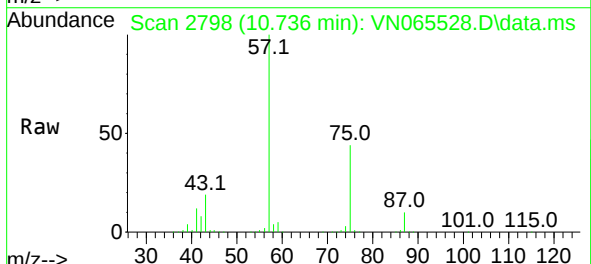
Instrument :
 MSVOA_N
 ClientSampleId :
 PB134156TB

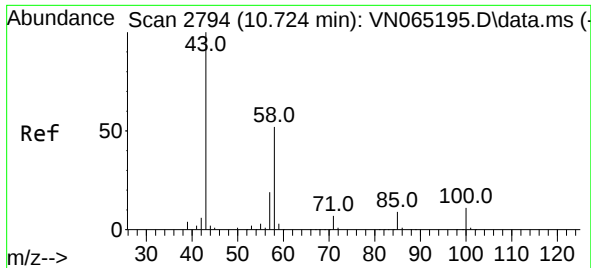
Tgt Ion: 75 Resp: 31144
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 28.6 35.6 53.4#



#57
 1,3-Dichloropropane
 Concen: 5.20 ug/l
 RT: 10.736 min Scan# 2798
 Delta R.T. 0.057 min
 Lab File: VN065528.D
 Acq: 15 Jan 2021 17:37

Tgt Ion: 76 Resp: 18798
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

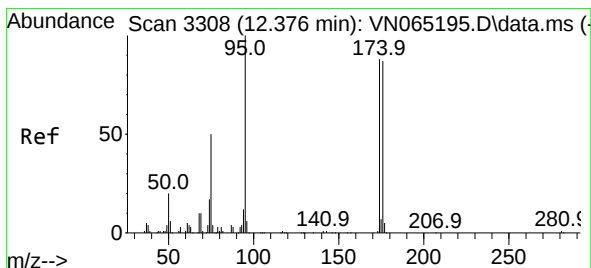
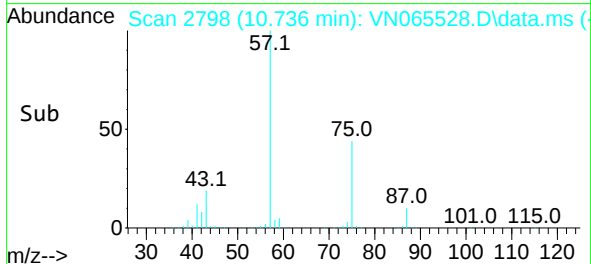
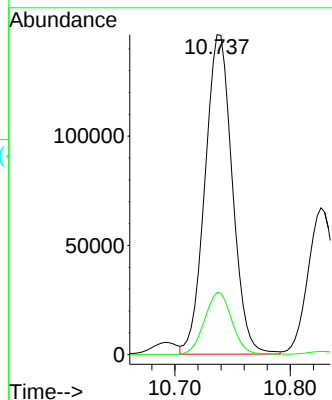
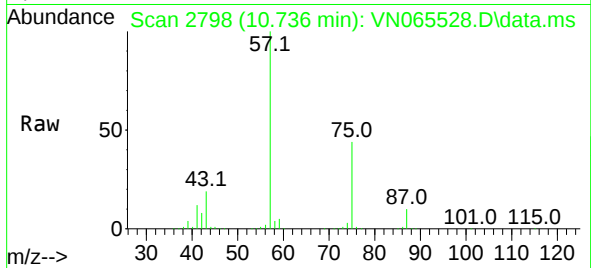




#59
2-Hexanone
Concen: 115.12 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

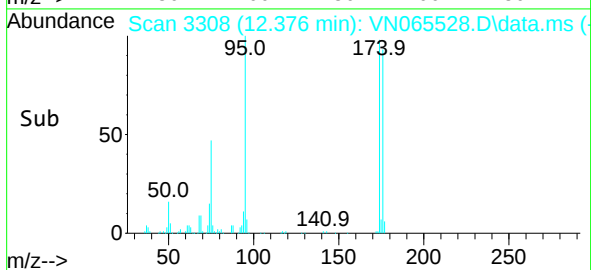
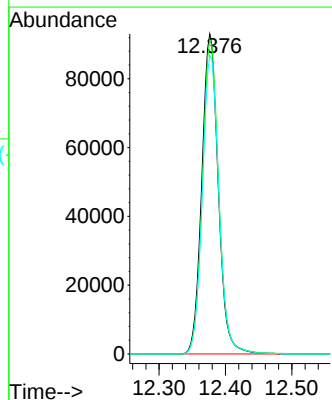
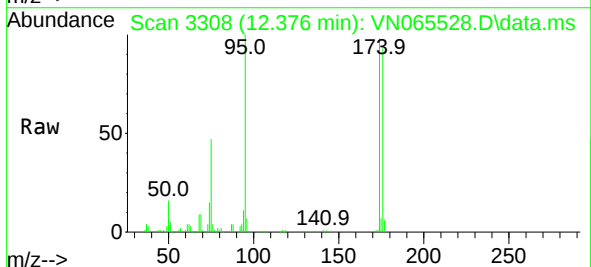
Instrument :
MSVOA_N
ClientSampled :
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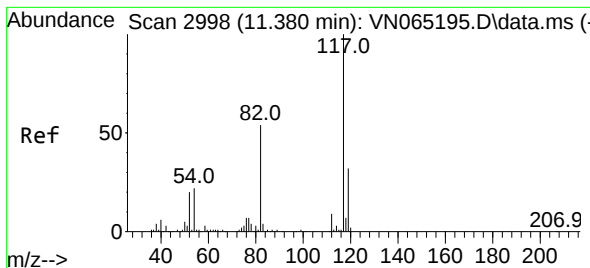
Tgt Ion: 43 Resp: 239900
Ion Ratio Lower Upper
43 100
58 19.7 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 54.74 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

Tgt Ion: 95 Resp: 160445
Ion Ratio Lower Upper
95 100
174 98.1 0.0 160.4
176 94.4 0.0 158.4

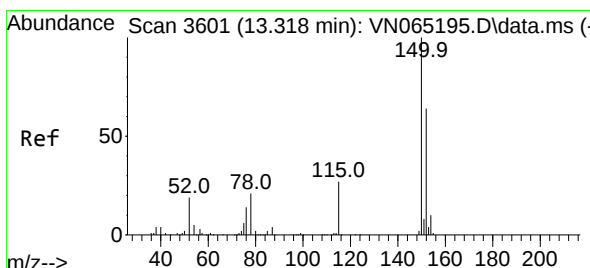
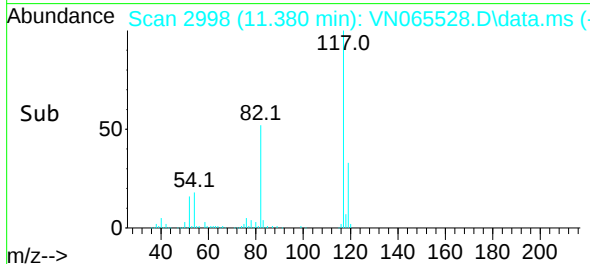
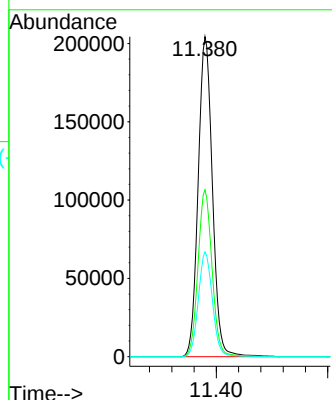
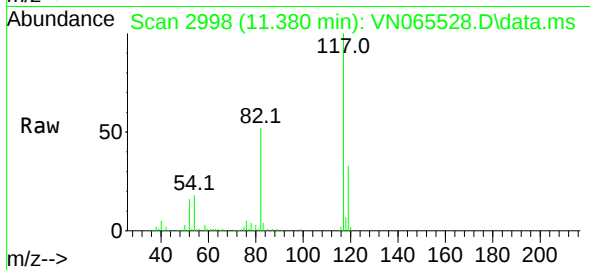




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

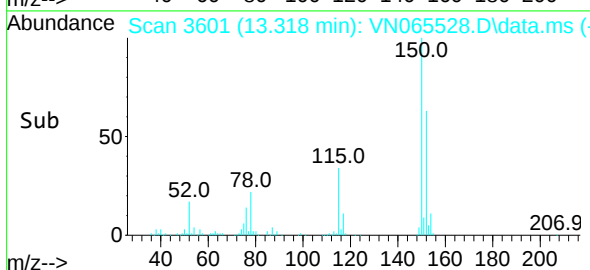
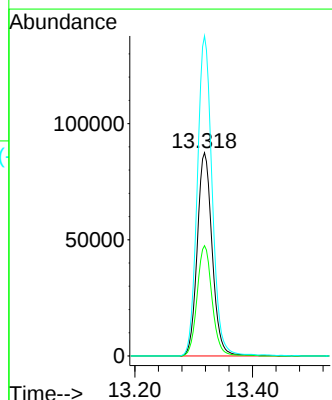
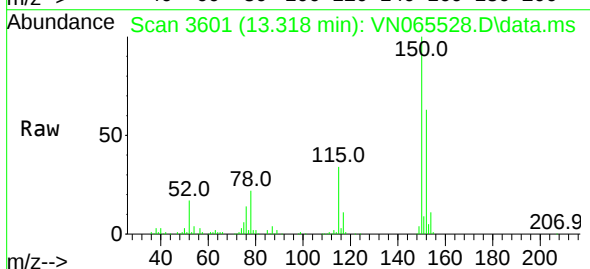
Instrument :
MSVOA_N
ClientSampleId :
PB134156TB

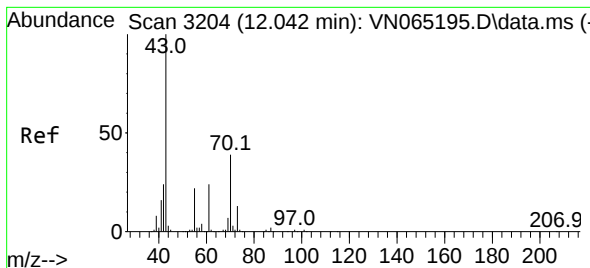
Tgt Ion:117 Resp: 362414
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 32.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

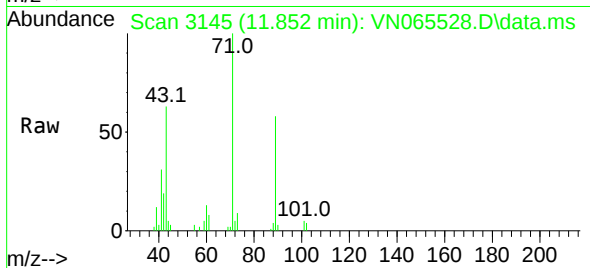
Tgt Ion:152 Resp: 154104
Ion Ratio Lower Upper
152 100
115 54.0 29.7 89.1
150 156.5 0.0 350.6



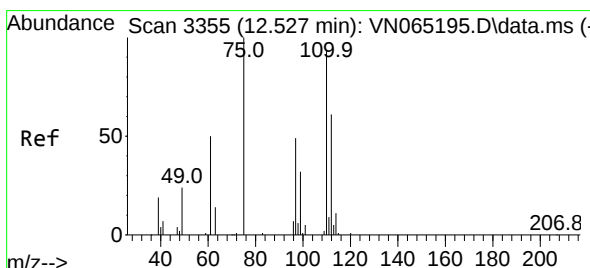
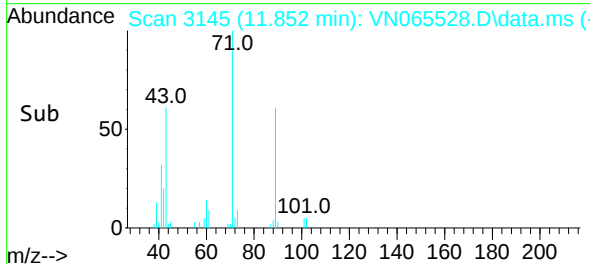
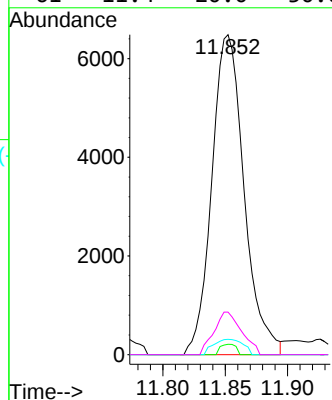


#74
N-amy1 acetate
Concen: 2.50 ug/l
RT: 11.852 min Scan# 3145
Delta R.T. -0.190 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

Instrument :
MSVOA_N
ClientSampleId :
PB134156TB

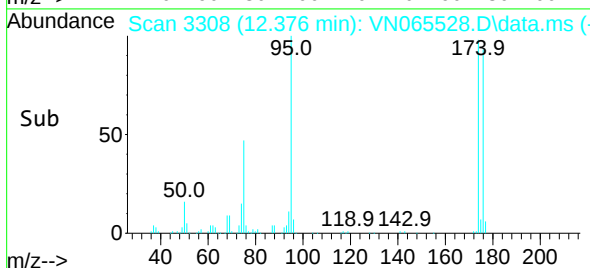
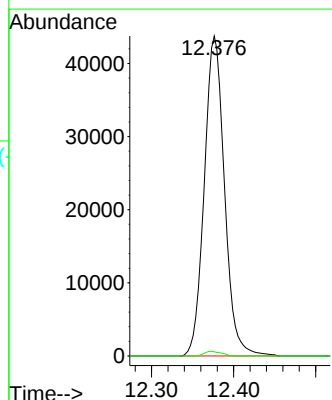
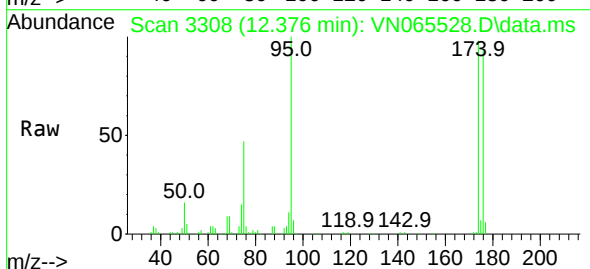


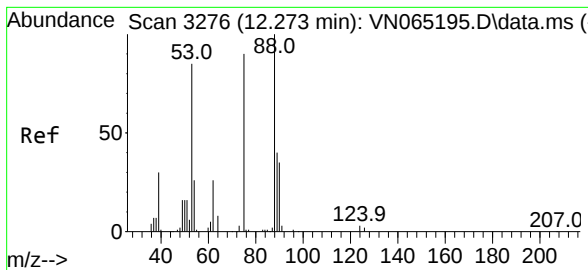
Tgt Ion: 43	Resp: 11687
Ion Ratio	Lower Upper
43	100
70	1.6 34.5 51.7#
55	4.4 20.4 30.6#
61	11.4 20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 23.79 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065528.D
Acq: 15 Jan 2021 17:37

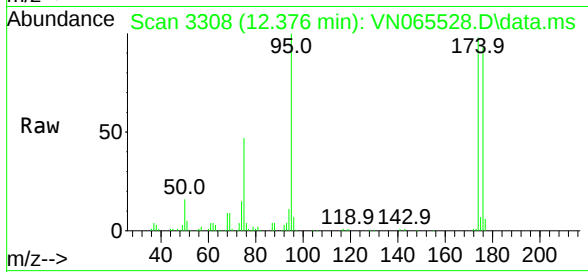
Tgt Ion: 75	Resp: 74793
Ion Ratio	Lower Upper
75	100
77	1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.99 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.103 min
 Lab File: VN065528.D
 Acq: 15 Jan 2021 17:37

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134156TB



Tgt Ion:	75	Resp:	74793
Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.0	100.4#
89	0.0	39.6	59.4#

